ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Norfolk, VA District

CONTRACT #: W912BU-06-P-0166 Maintenance X /New Work **PROJECT start date** 6/13/2006

PROJECT NAME: Norfolk Thimble Shoal Channel **DREDGE NAME:** McFarland

DREDGE FIRM: USACE

LOAD #: 36 **LOAD start date:** 06/21/06 **Times (24hrs): Start** 0501 **End** 0610

Condition of screening : **Port** Good **Starboard** Good **Overflow** -

Number of dragheads in use: 2 **Type of dragheads used:** California **Size of dragheads:** 9'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** ___

Type of material dredged: ROCK, CLAY, SAND

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 15 SSW

AIR TEMP: 74 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface — °C/F **Column (mid-depth)** 73 °C/F **Bottom** — °C/F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
X	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: 2 CLEARNOSE SKATES, 2 HORSESHOE CRABS, GASTROPOD

STARBOARD SCREEN CONTENTS: 3 CLEARNOSE SKATES, 3 HORSESHOE CRABS, TURTLE HEAD

Estimate number entrained on this load for the following:

- Sturgeon (any species) 0
- Shark (any species) 0
- Horseshoe crab 5
- Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X **NO** ___

SPECIES OF TURTLE TAKE: Unknown **Loggerhead** Green Kemp's ridley Hawksbill Leatherback

Comments: HEAD ONLY, NO OTHER PARTS PRESENT (POSSIBLY DIG. TRACT?)

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Eric Hodge **Observer firm:** REMSA

Observer signature [signature]